

Figure 1

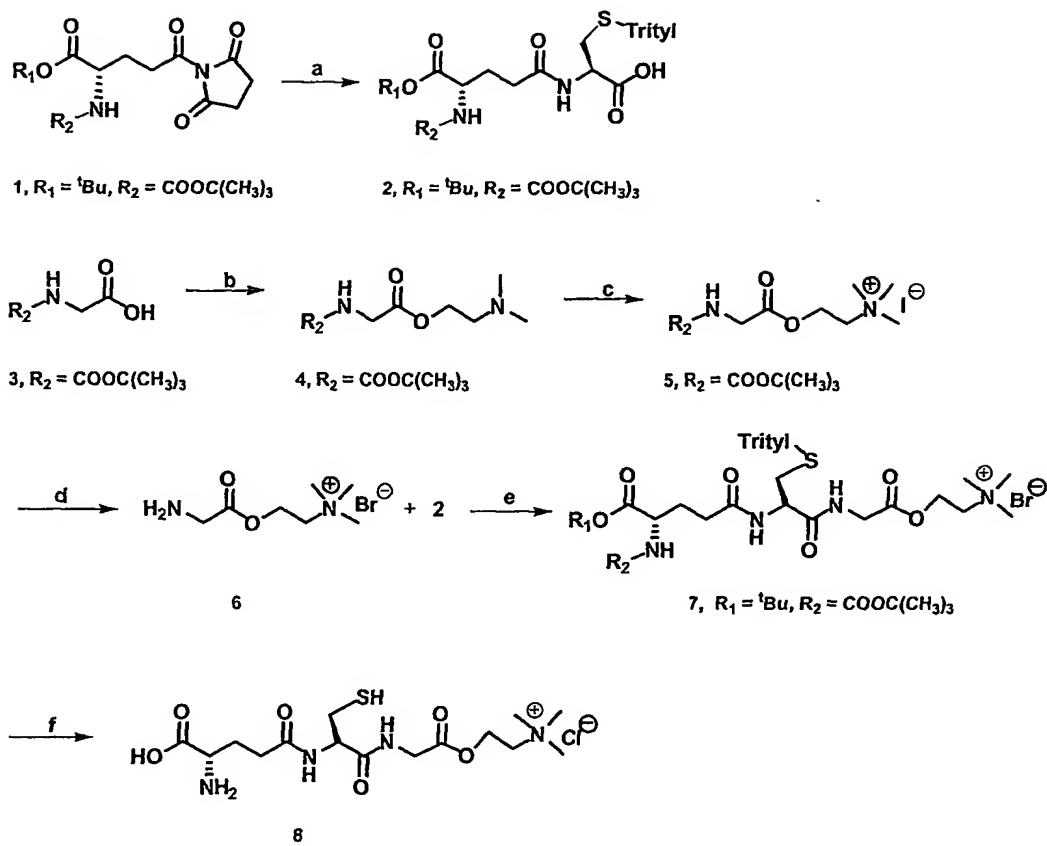
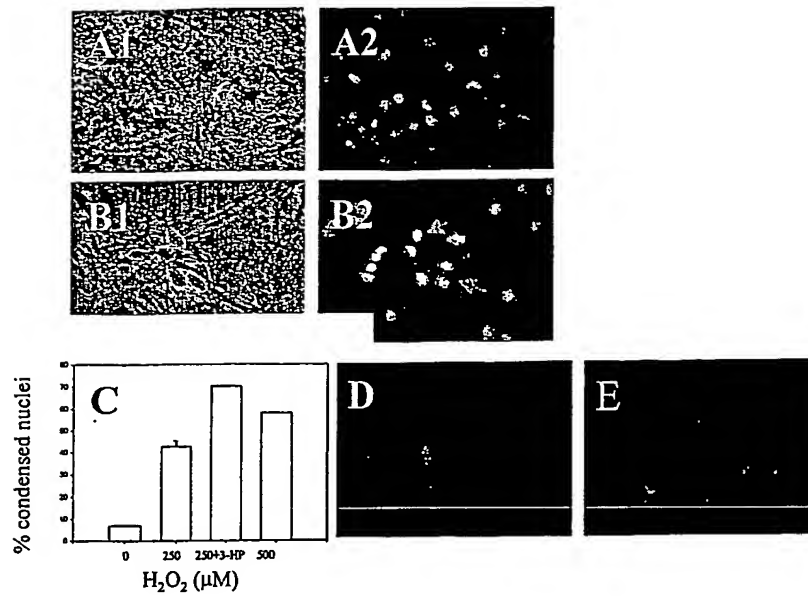
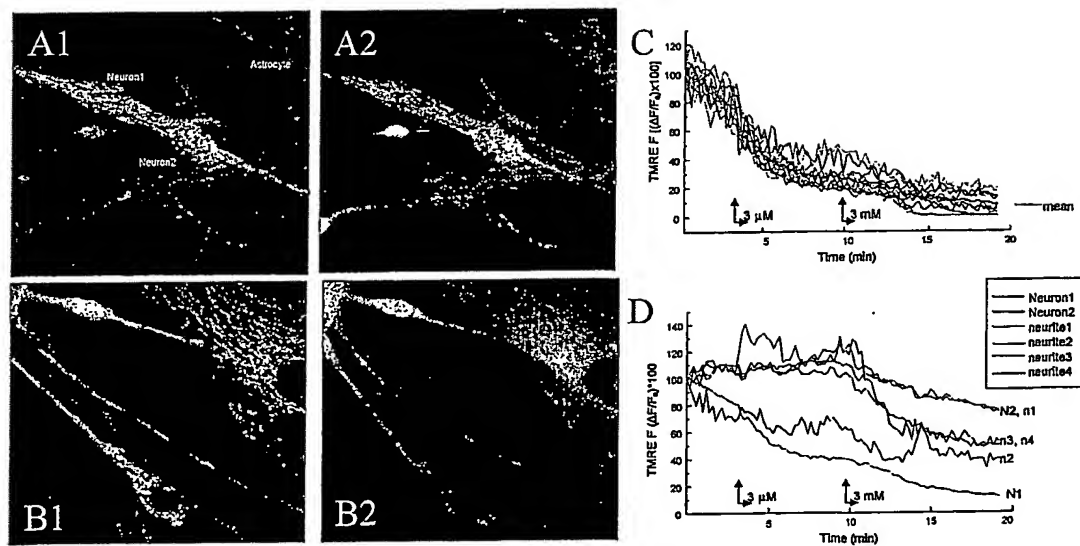


Figure 2

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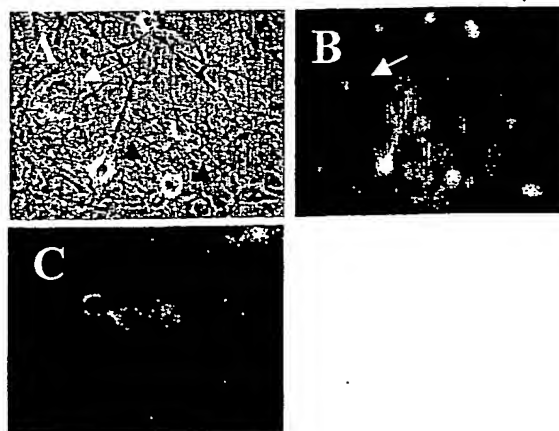


Figures 3A-E



Figures 4A-D

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Figures 5A-C

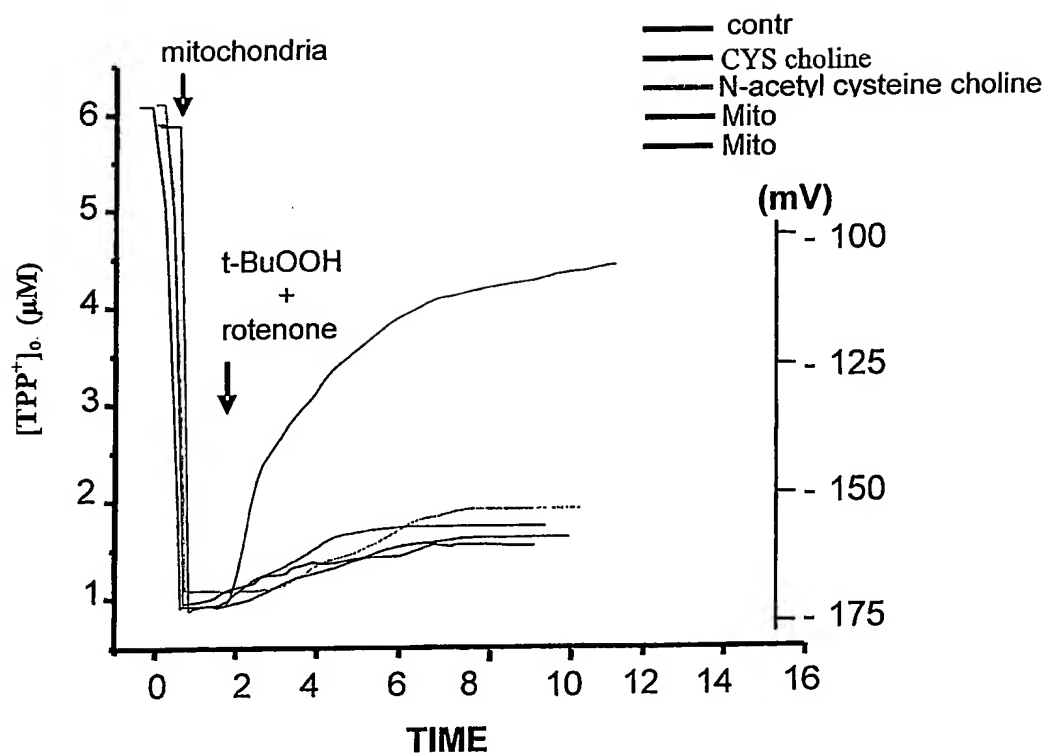


Figure 6

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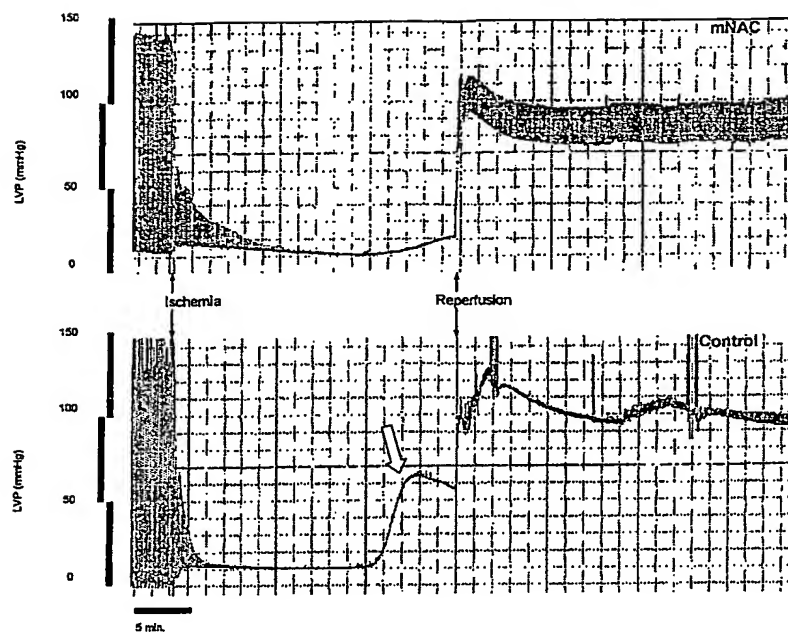


Figure 7

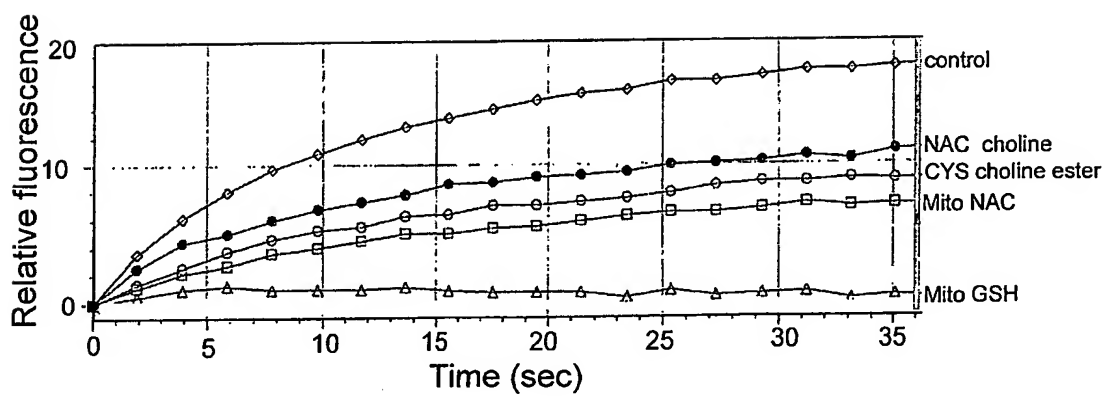


Figure 8

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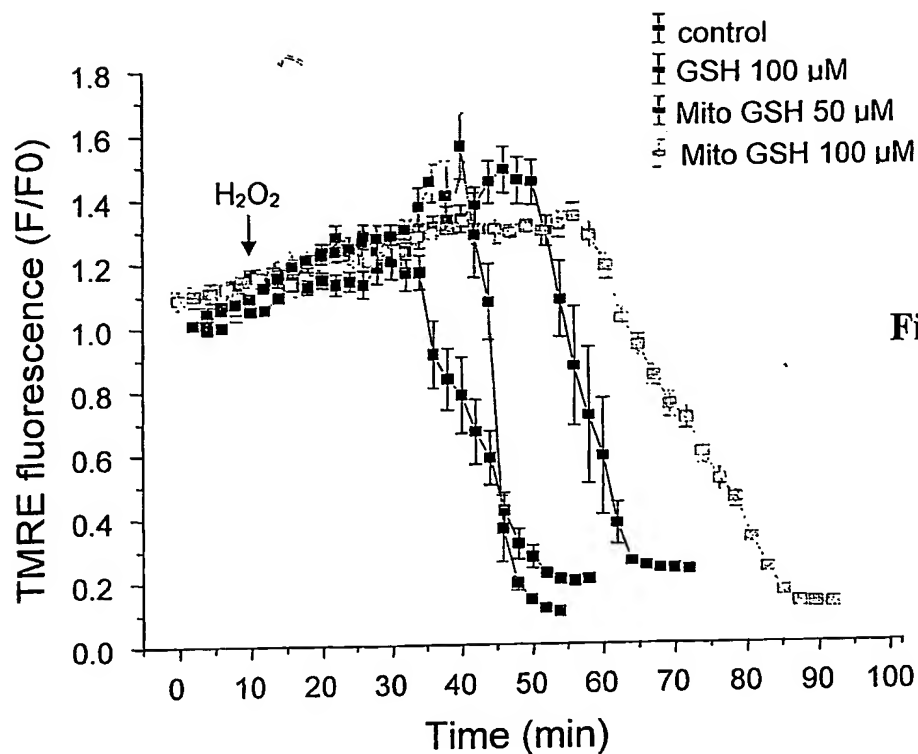
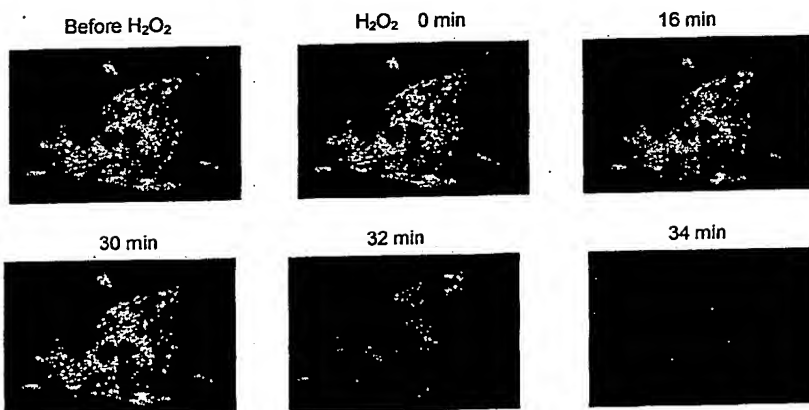


Figure 9

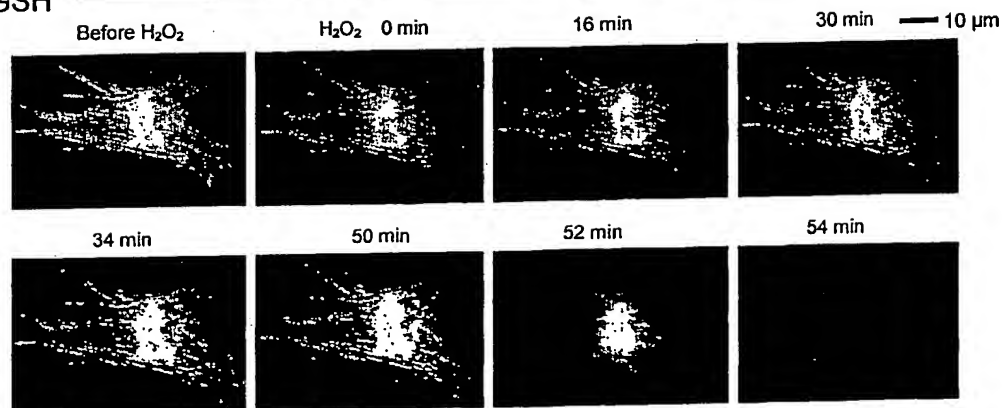
Control

A



Mito GSH

B



Figures 10A-B

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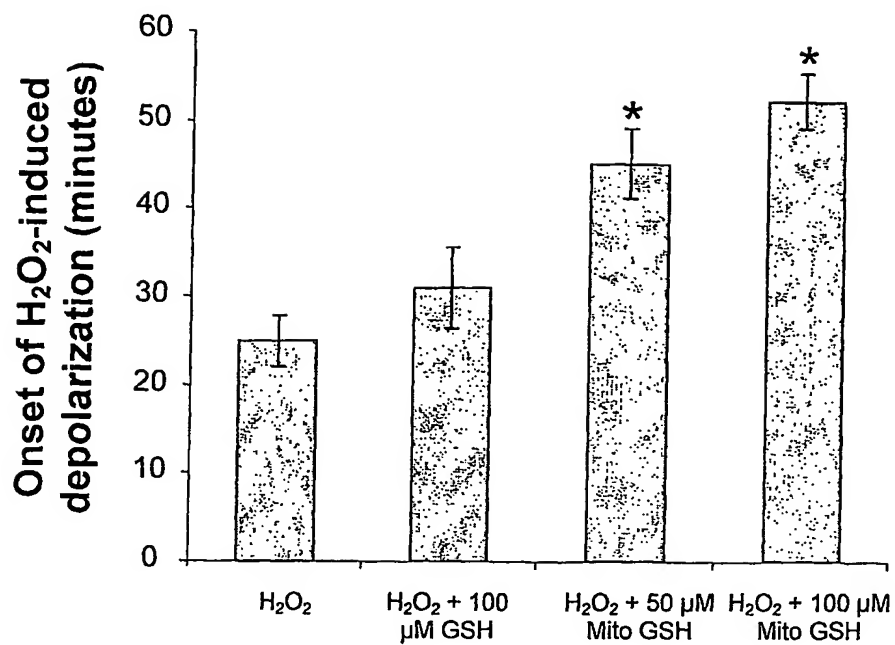


Figure 11

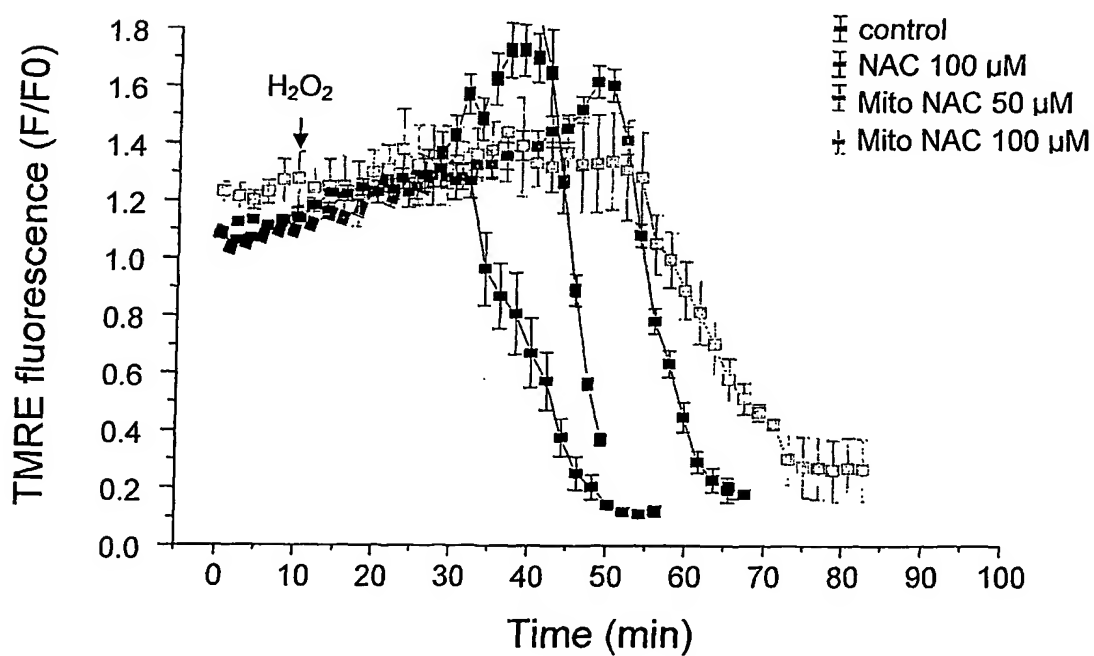


Figure 12

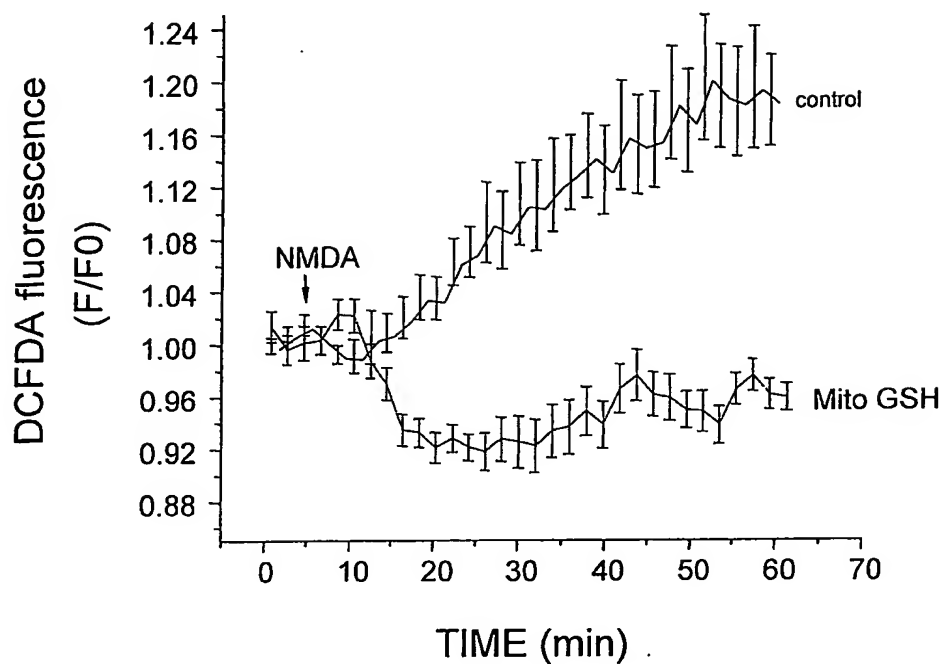


Figure 13

**Effect of mitochondrial-targeted antioxidants upon onset of N-methyl-D-aspartate (NMDA, 100  $\mu$ M)-induced depolarization of mitochondrial membrane of brain striatal neurons**

Antioxidant pretreatment	Time for onset of depolarization (min)
None (control)	$8.1 \pm 1.4$
GSH	$9.2 \pm 2.6$
Mito GSH	$17.5 \pm 2.1^*$
NAC	$10.5 \pm 1.9$
Mito NAC	$20.5 \pm 3.6^*$

Figure 14